

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
1-32330A  
APPLICATION NO.  
10/502,235  
APPLICANT  
KISIELOW ET AL.  
FILING DATE  
JULY 22, 2004

Sheet 1 of 4

Group

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

195	AR	Andreadis, et al. "Generation of Protein Isoform Diversity by Alternative Splicing: Mechanistic and Biological Implications", Ann. Rev. Cell Biol., Vol. 3, pp. 207-42 (1987)
195	AS	Bernstein, et al., "Role for a Bidentate Ribonuclease in the Initiation Step of RNA Interference", Nature, Vol. 409, pp. 363-66 (2001)
195	AT	Bonfini, et al., "Not All Shc's Roads Lead to Ras", TIBS, Vol. 21, pp. 257-261 (1996)

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.  
1-32330A  
APPLICATION NO.  
10/502,235  
APPLICANT  
KISIELOW ET AL.  
FILING DATE  
JULY 22, 2004

Sheet 2 of 4

Group

EXAMINER  
INITIAL

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

199	DA	Bosher, et al., "RNA Interference: Genetic Wand and Genetic Watchdog", Nature Cell Biol., Vol. 2, pp. E31-36 (2000)
199	DB	Carthew, "Gene Silencing by Double-Stranded RNA", Current Opin. in Cell Biol., Vol. 13, pp. 244-48 (2001)
199	DC	Cogoni, et al., "Suppression of Gene Expression by Homologous Transgenes", Antonie van Leeuwenhoek, Vol. 65, pp. 205-09, Kluwer Academic Publishers (1994)
199	DD	Cogoni, et al., "Post-transcriptional Gene Silencing Across Kingdoms", Current Opin. in Genetics and Develop., Vol. 10, pp. 638-43 (2000)
199	DE	Elbashir, et al., "Duplexes of 21-nucleotide RNAs Mediate RNA Interference in Cultured Mammalian Cells", Nature, Vol. 411, pp. 494-98 (2001)*
199	DF	Fagard, et al., "Systemic Silencing Signal(s)", Plant Mol. Biol., Vol. 43, pp. 285-93 (2000)
199	DG	Fire, et al., "Potent and Specific Genetic Interference by Double-stranded RNA in Caenorhabditis Elegans", Nature, Vol. 391, pp. 806-11 (1998)
199	DH	Gorman, et al., "Site-specific Gene Targeting for Gene Expression in Eukaryotes", Current Opin. in Biol., Vol. 11, pp. 455-60 (2000)
199	DI	Johnson, et al., "Muscle Creatine Kinase Sequence Elements Re gulating Skeletal and Cardiac Muscle Expression in Transgenic Mice", Mol. and Cell. Biol., Vol. 9, pp. 3393-99 (1989)
199	DJ	Lipardi, et al., "RNAi as Random Degradative PCR: siRNA Primers Convert MRNA into dsRNAs that Are Degraded to Generate New siRNAs", Cell, Vol. 107, pp. 297-307 (2001)
199	DK	Luzi, et al., "Evolution of Shc Functions from Nematode to Human", Current Opin. in Genetics & Develop., Vol. 10, pp. 668-74 (2000)
199	DL	Migliaccio, et al., "Opposite Effects of the p52shc/p46shc and p66shc Splicing Isoforms on the EGF Receptor-MAP Kinase-fos signalling Pathway", The Embo Journal, Vol. 16, pp. 706-16 (1997)
199	DM	Migliaccio, et al., "The p66shc Adaptor Protein Controls Oxidative Stress Response and Life Span in Mammals", Nature, Vol. 402, pp. 309-13 (1999)
199	DN	Muller, "Ten Years of Gene Targeting: Targeted Mouse Mutants, from Vector Design to Phenotype Analysis", Mechanisms of Develop., Vol. 82, pp. 3-21 (1999)

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
1-32330A  
APPLICATION NO.  
10/502,235  
APPLICANT  
KISIELOW ET AL.  
FILING DATE  
JULY 22, 2004

Sheet 3 of 4

Group

EXAMINER  
INITIAL

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

135	DA	Nakamura, et al., "N-Shc and Sck, Two Neuronally Expressed Shc Adapter Homologs", J. of Biol. Chem., Vol. 273, pp. 6960-67 (1998)
135	DB	Napoli, et al., "Introduction of a Chimeric Chalcone Synthase Gene into Petunia Results in Reversible Co-Suppression of Homologous Genes In Trans", The Plant Cell, Vol. 2, pp. 279-89 (1990)
135	DC	Nishikura, et al., "A Short Primer on RNAi: RNA-Directed RNA Polymerase Acts as a Key Catalyst", Cell, Vol. 107, pp. 415-18 (2001)
135	DD	Sijen, et al., "On the Role of RNA Amplification in dsRNA-triggered Gene Silencing", Cell, Vol. 107, pp. 465-76 (2001)
135	DE	Tan, "Liver-specific and Position-effect Expression of a Retinol-binding Protein lacZ Fusion Gene (RBP-lacZ) in Transgenic Mice", Develop. Biol, Vol. 146, pp. 24-37 (1991)
135	DF	Tuschl, et al., "Targeted mRNA Degradation by Double-stranded RNA In Vitro", Genes & Develop., Vol. 13, pp. 3191-97 (1999)
135	DG	Van der Krol, et al., "Flavonoid Genes in Petunia: Addition of a Limited Number of Gene Copies May Lead to a Suppression of Gene Expression", The Plant Cell, Vol. 2, pp. 291-99 (1990)
135	DH	Zamore, "RNAi: Double-stranded RNA directs the ATP-dependent Cleavage of mRNA at 21 to 23 Nucleotide Intervals", Cell, Vol. 101, pp. 25-33 (2000)
135	DI	Zamore, "RNA Interference: Listening to the Sound of Silence", Nature Structural Biol., Vol. 8, pp. 746-50 (2001)
135	DJ	Caplen, et al., "Specific Inhibition of Gene Expression", PNAS, Vol. 98, pp. 9742-47 (2001)**
135	DK	Oka, et al., "Four Subunit $\alpha$ Isoforms of Caenorhabditis Elegans Vasuolar H <sup>+</sup> -ATPase", J. of Biol. Chem., Vol. 276, pp. 33079-85 (2001)**
135	DL	Amiri, et al., "An Isoform of EIF4E Is a Component of Germ Granules and Is Required for Spermatogenesis in C. Elegans", Development, Vol. 128, pp. 3899-3912 (2001) **
135	DM	Jedrusik, et al., "A Single Histone H1 Isoform (H1.1) Is Essential for Chromatin Silencing and Germline Development in Caenorhabditis Elegans", Development, Vol. 128, pp. 1069-1080 (2001)**
135	DN	Kisielow, et al., "Isoform-specific Knockdown and Expression of Adaptor Protein SchA Using Small Interfering RNA", Biochem. J., Vol. 363, pp. 1-5 (2002) **

EXAMINER

DATE CONSIDERED

12/29/05

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
1-32330A  
APPLICATION NO.  
10/502,235  
APPLICANT  
KISIELOW ET AL.  
FILING DATE  
JULY 22, 2004

Sheet 484

Group

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
195	AM	WO 0175164 **	10/11/01	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Keiper, et al., "Functional Characterization of Five eIF4E Isoforms in Caenorhabditis Elegans", J. Biol. Chem., Vol. 275, pp. 10590-96 (2000)*
	AS	Harborth, et al., "BNAI Based Gene Silencing in Mammalian Tissue Culture Cells: A Key Procedure for Functional Gene Analysis", Mol. Biol. Of the Cell, Vol. 12, pp. 520a-521a (2001)*
195	AT	Harborth, et al., "Identification of Essential Genes in Cultured Mammalian Cells Using Small Interfering RNAs", J. Cell. Sci., Vol. 114, pp. 4557-65 (2001)*

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.